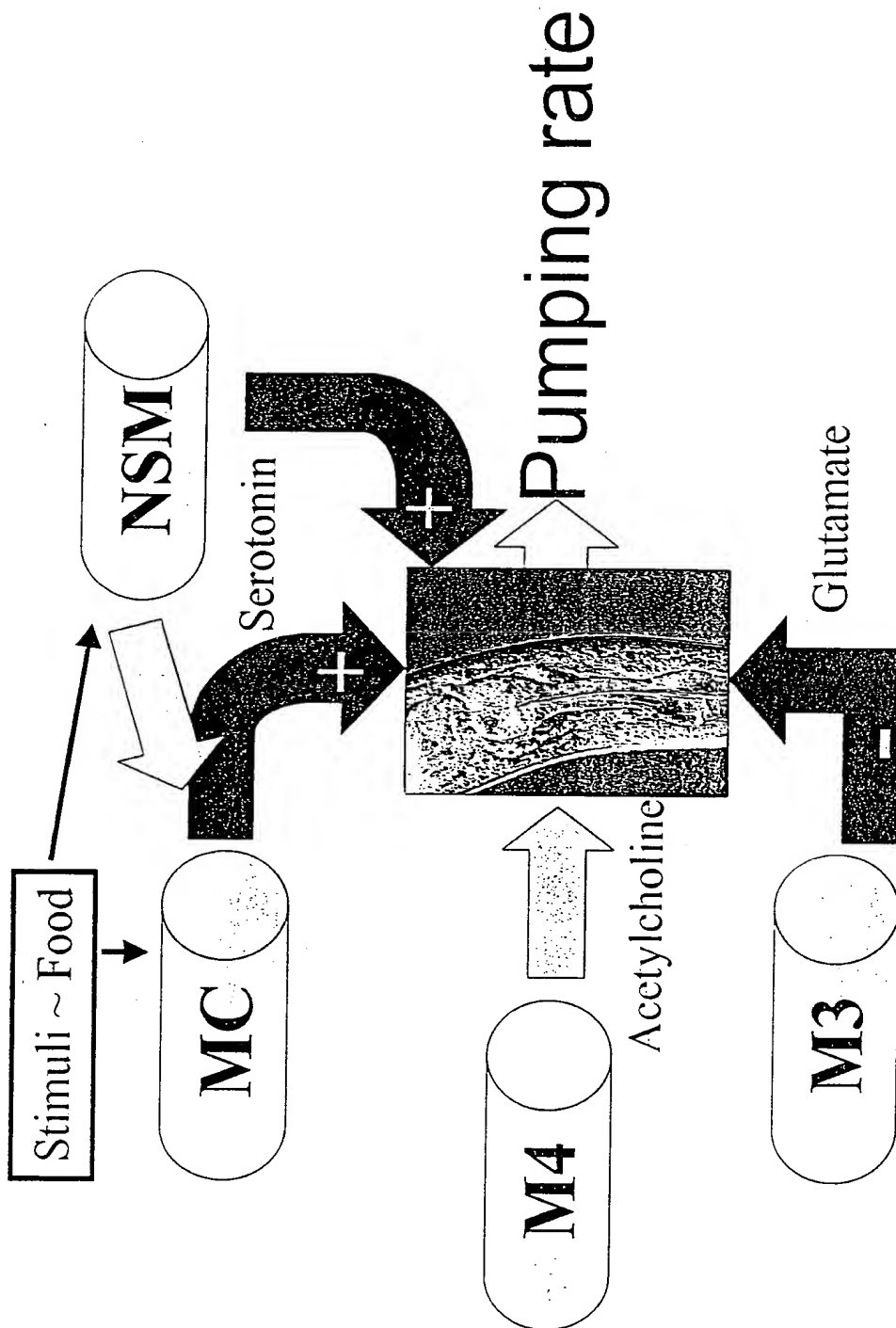


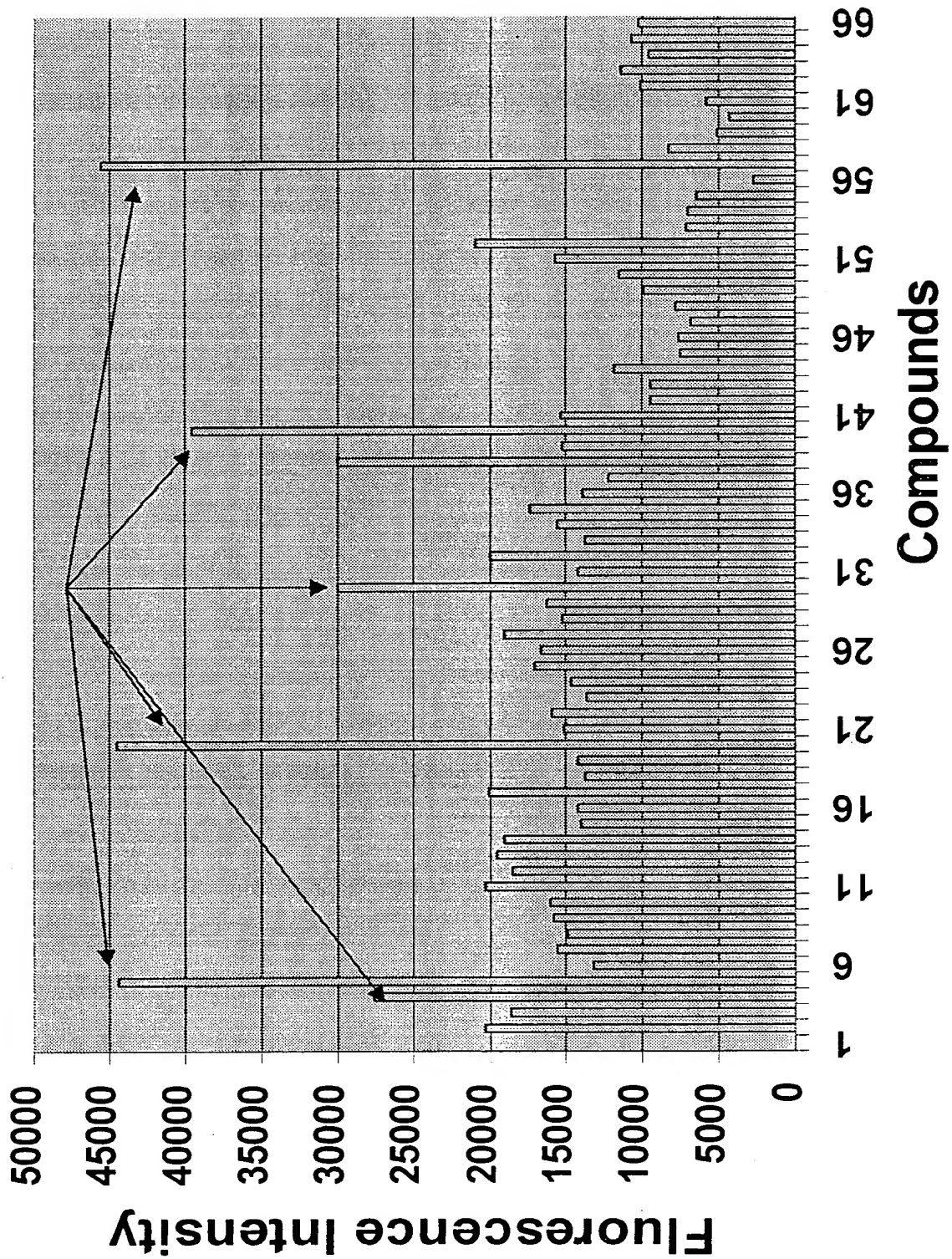
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FIG. 1



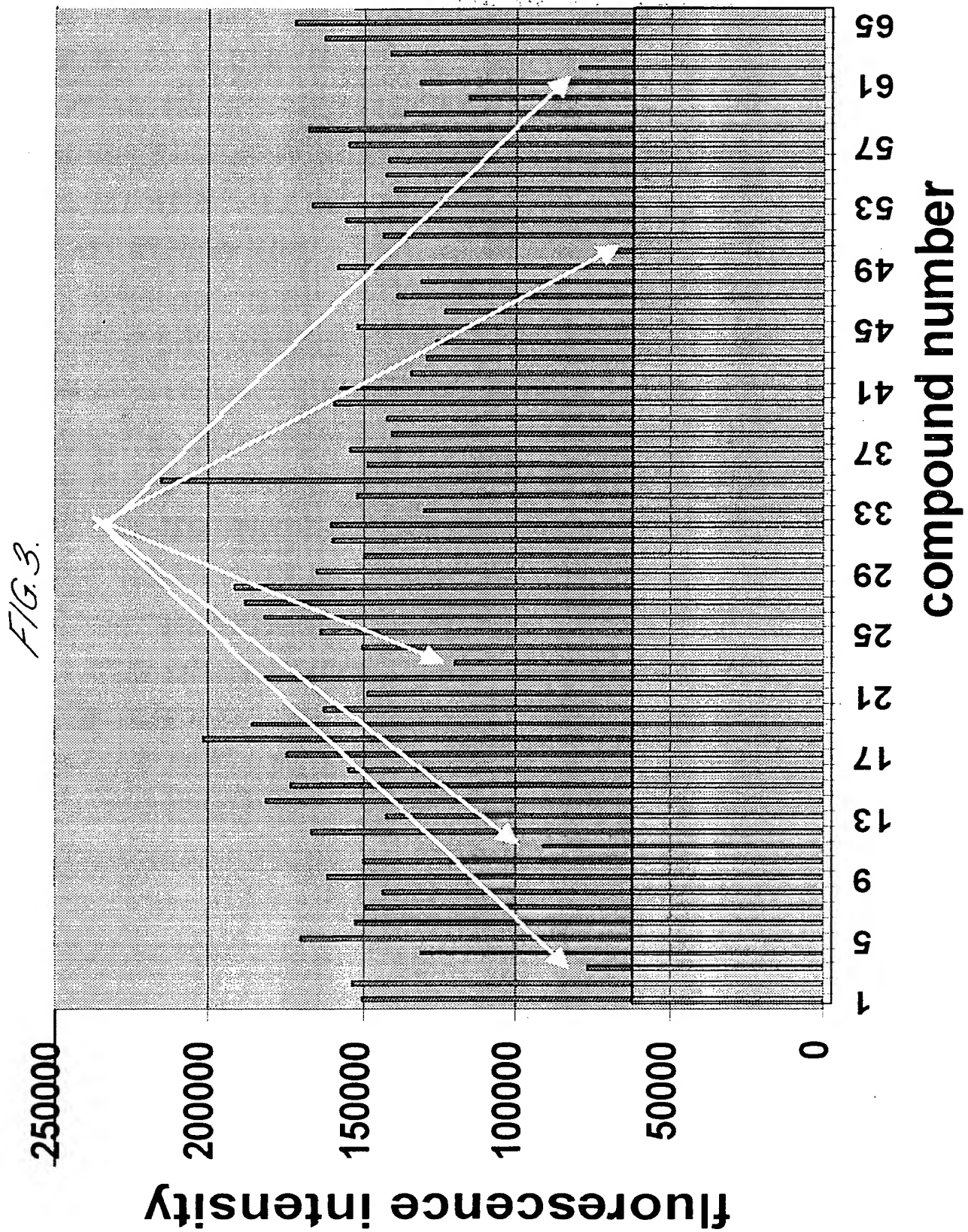
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FIG. 2.



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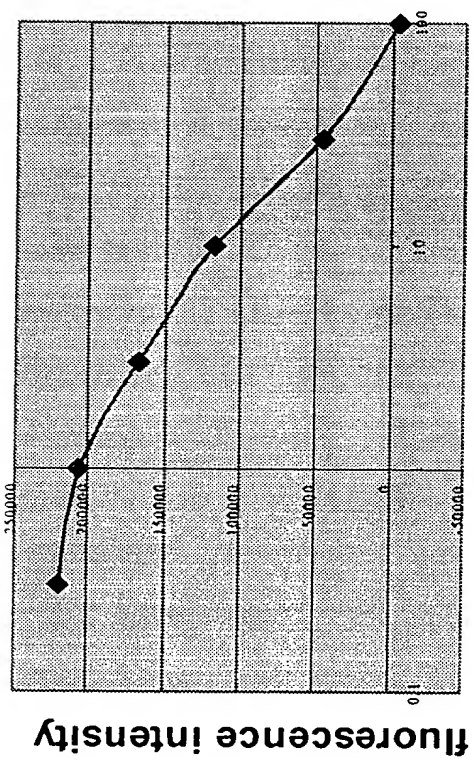
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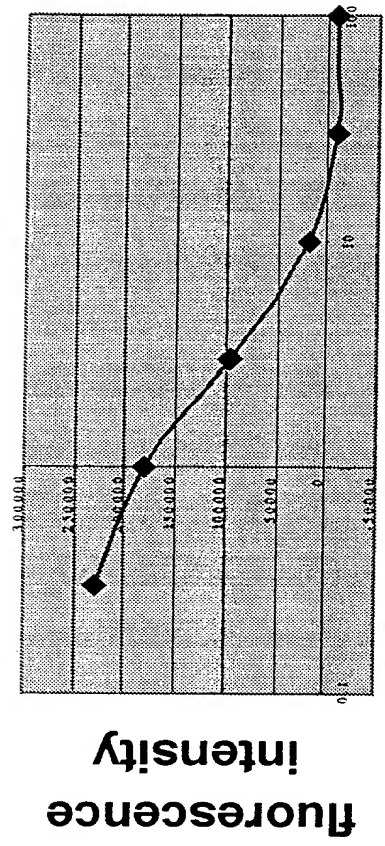
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FIG. 4.

Effect of Tamoxifen



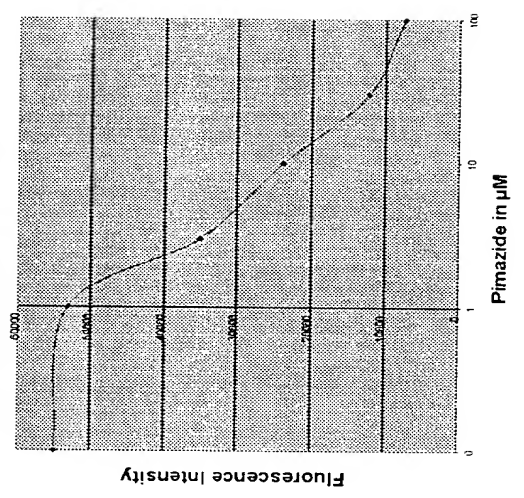
Effect of BP554

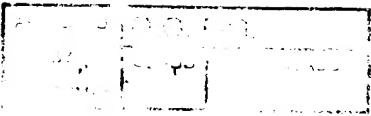


concentration of tamoxifen in μM

concentration in μM

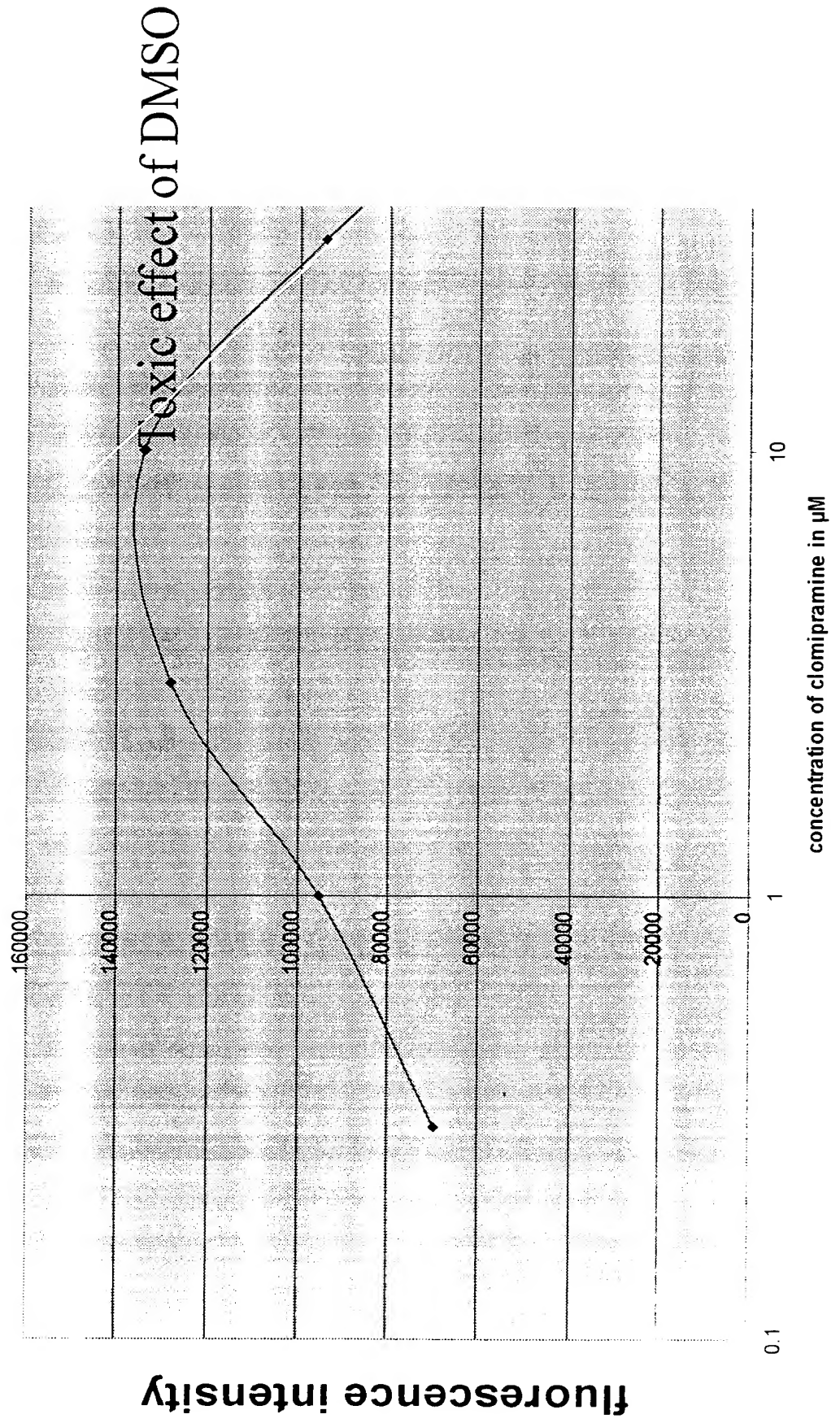
Effect of Pimazide on Pumping in HD8





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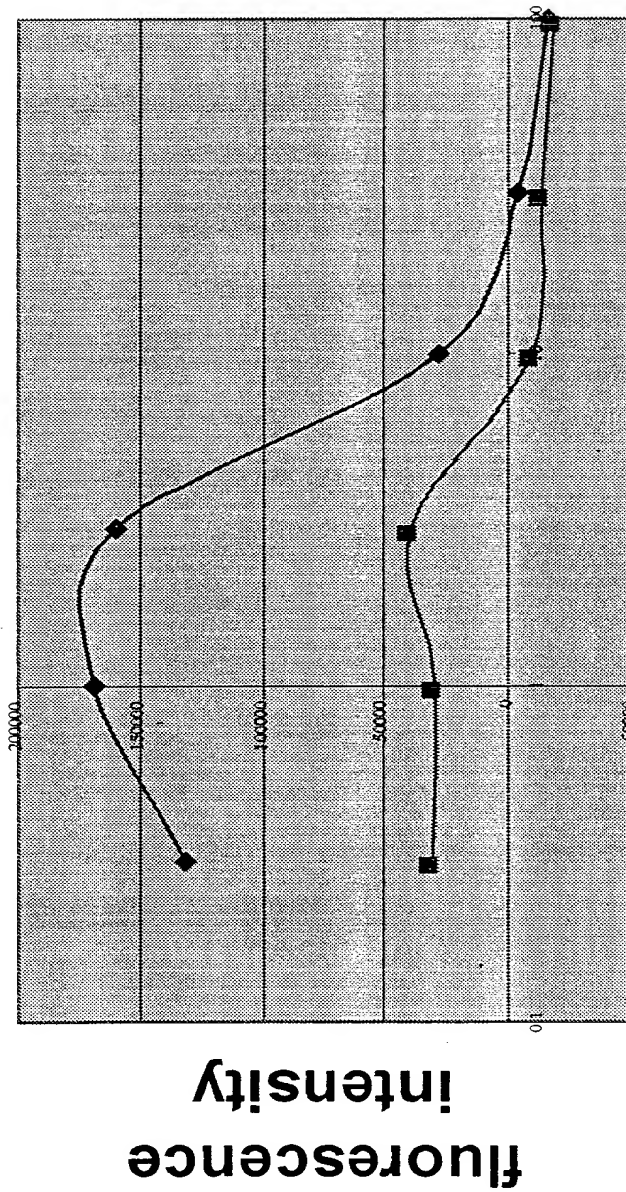
FIG. 5.
Effect of Clomipramine



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FIG. 6.

effect of thapsigargin on drinking in N2
and HD8

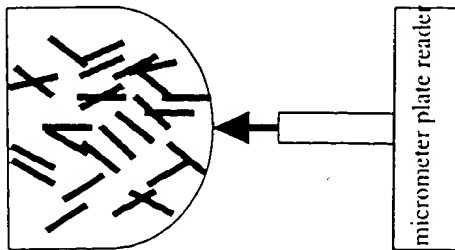


concentration of thapsigargin in μM

FIG. 7.

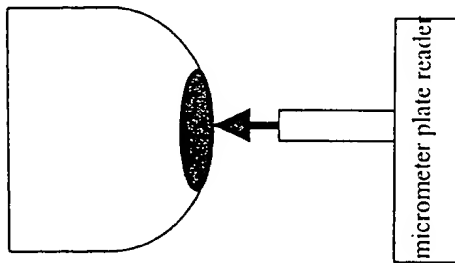
Movement

Worms in solution



No- movement

Precipitated worms



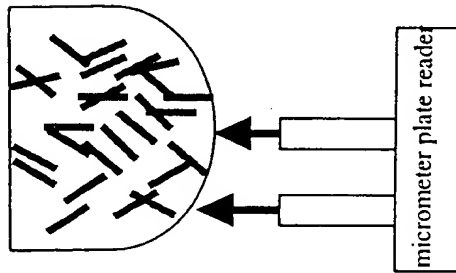
Signal detection:

Low Optical Density

High Optical Density

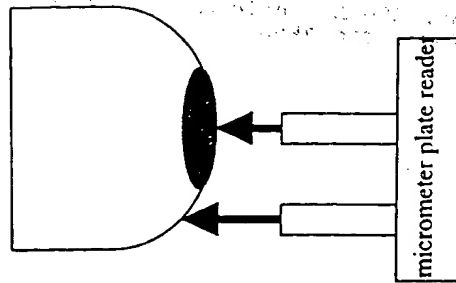
Movement

Worms in solution



No- movement

Precipitated worms



Low Optical Density

High Optical Density

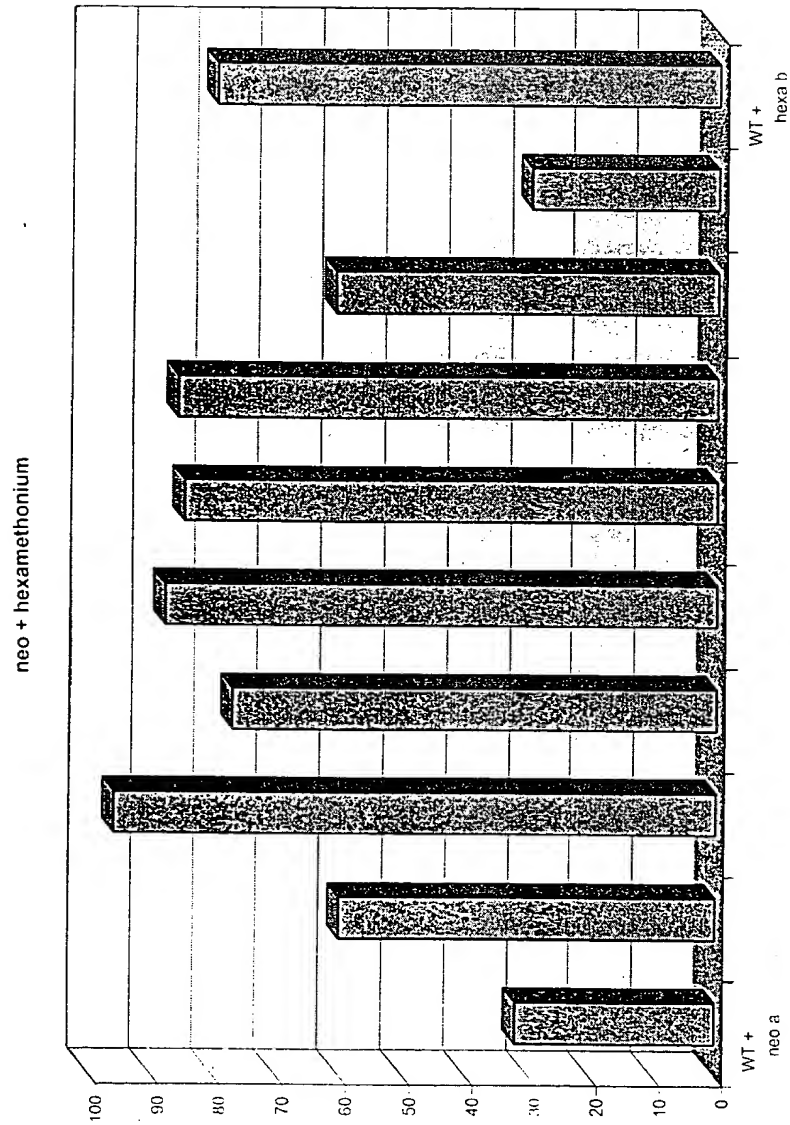
Versus

Versus

Low Optical Density

Low Optical Density

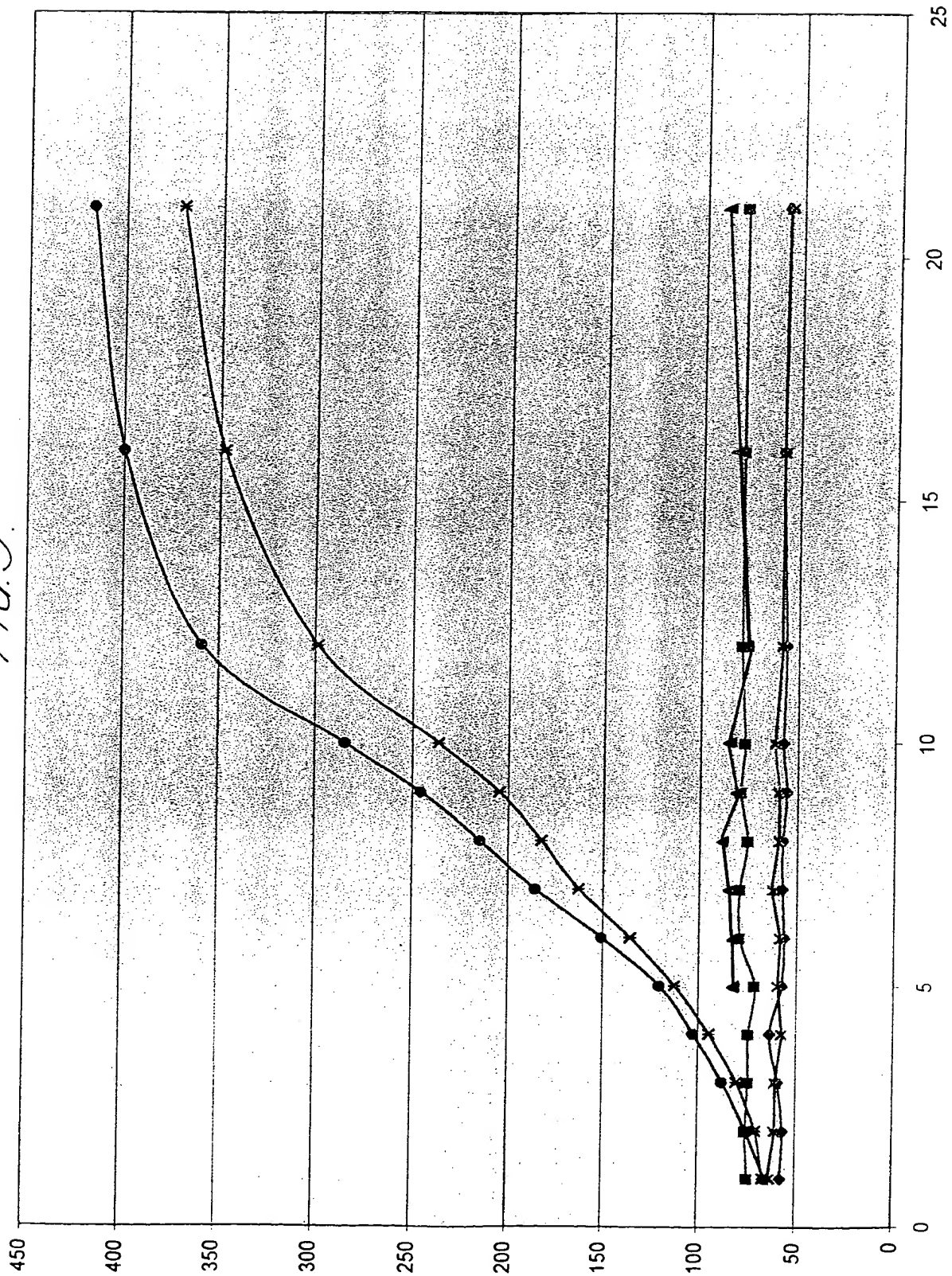
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WT + neo a + increased C. of hexa b

FIG. 8.

FIG. 9.

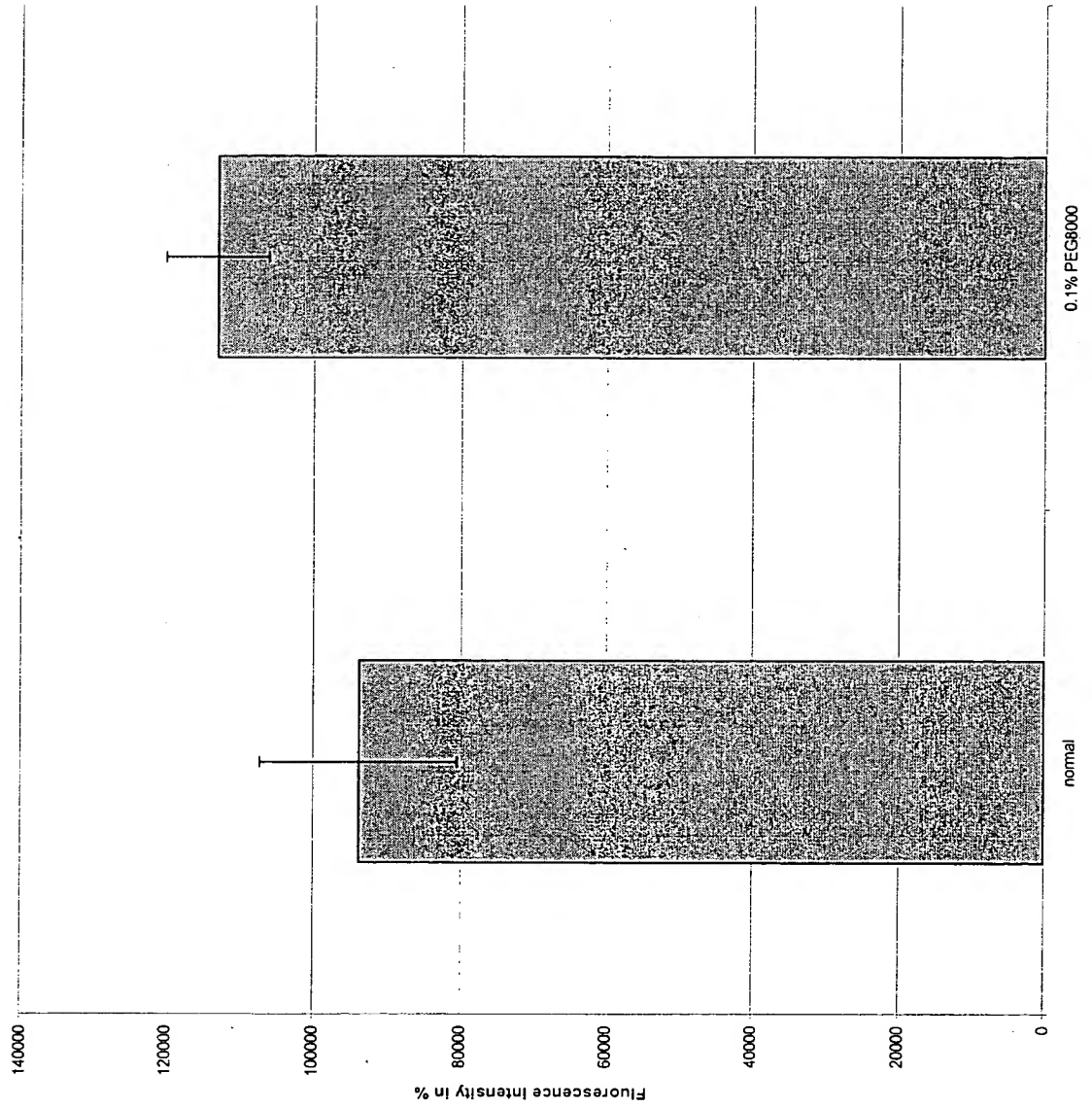


Series1
Series2
Series3
Series4
Series5
Series6

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FIG. 10.

Pumping experiment in absence and presence of PEG8000

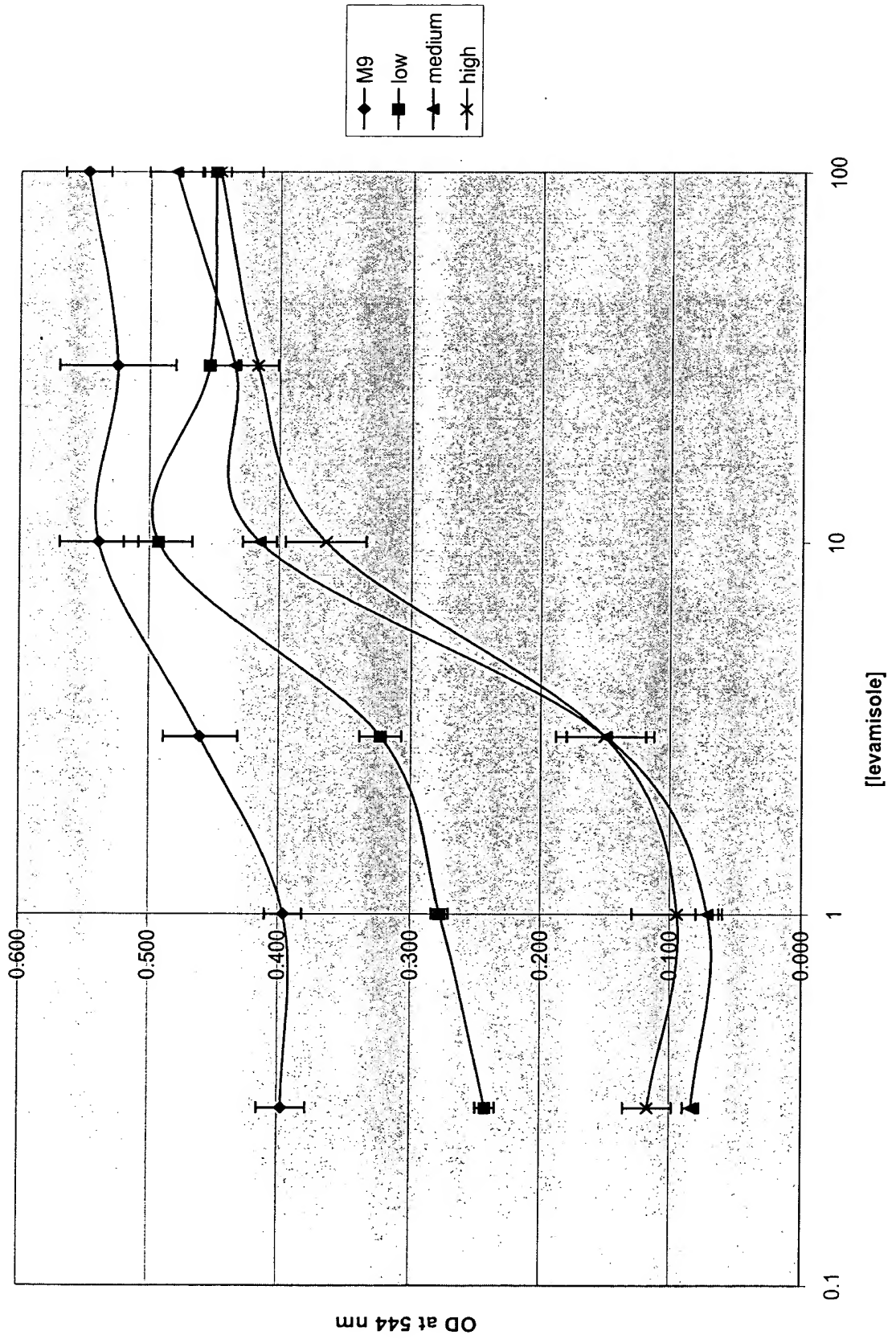


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FIG. 11. Movement assay OD according to viscosity



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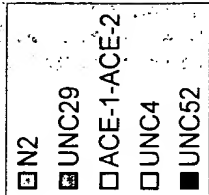
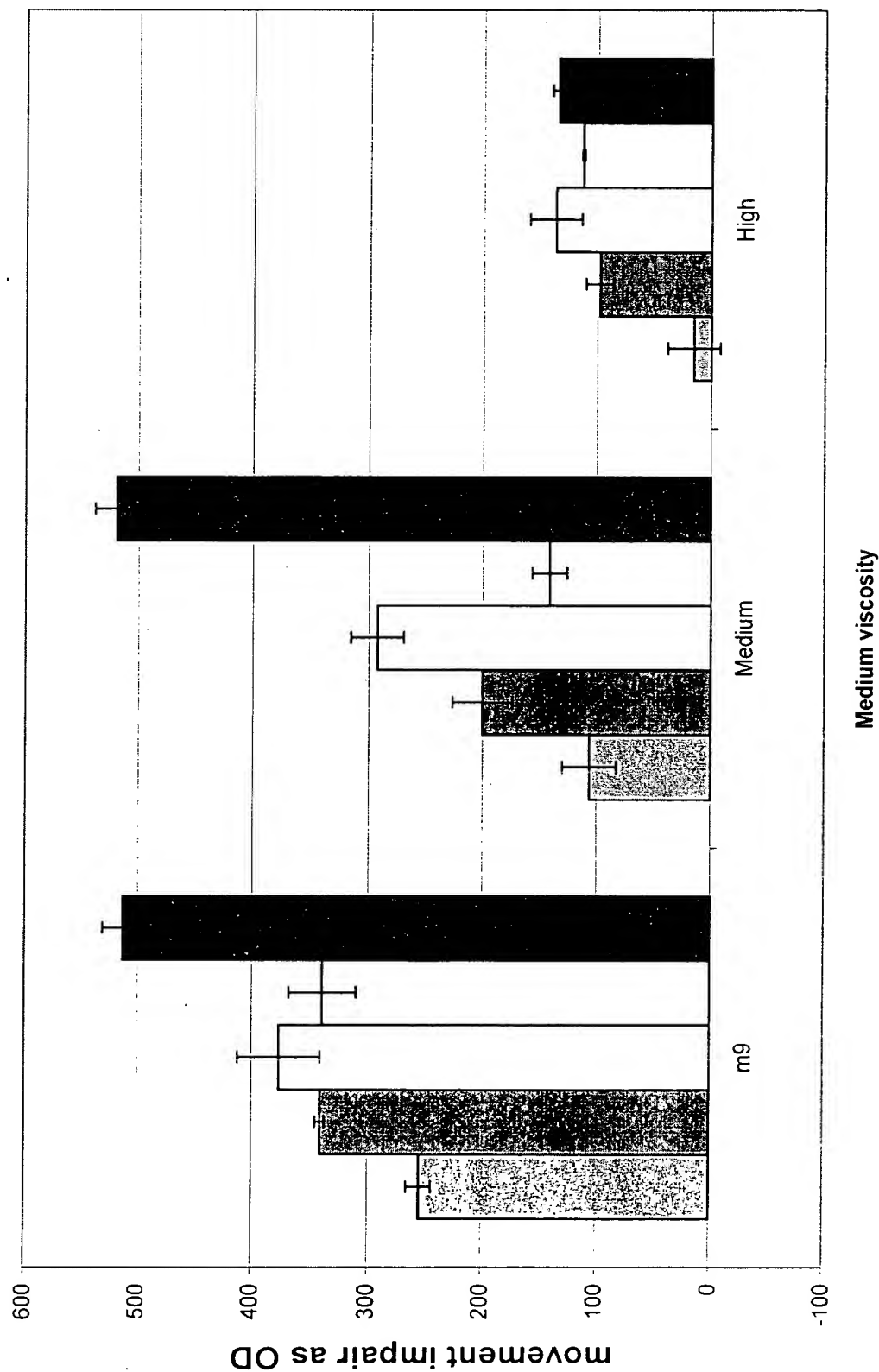


FIG. 12. Motility assay according to Uncness



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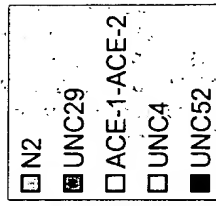
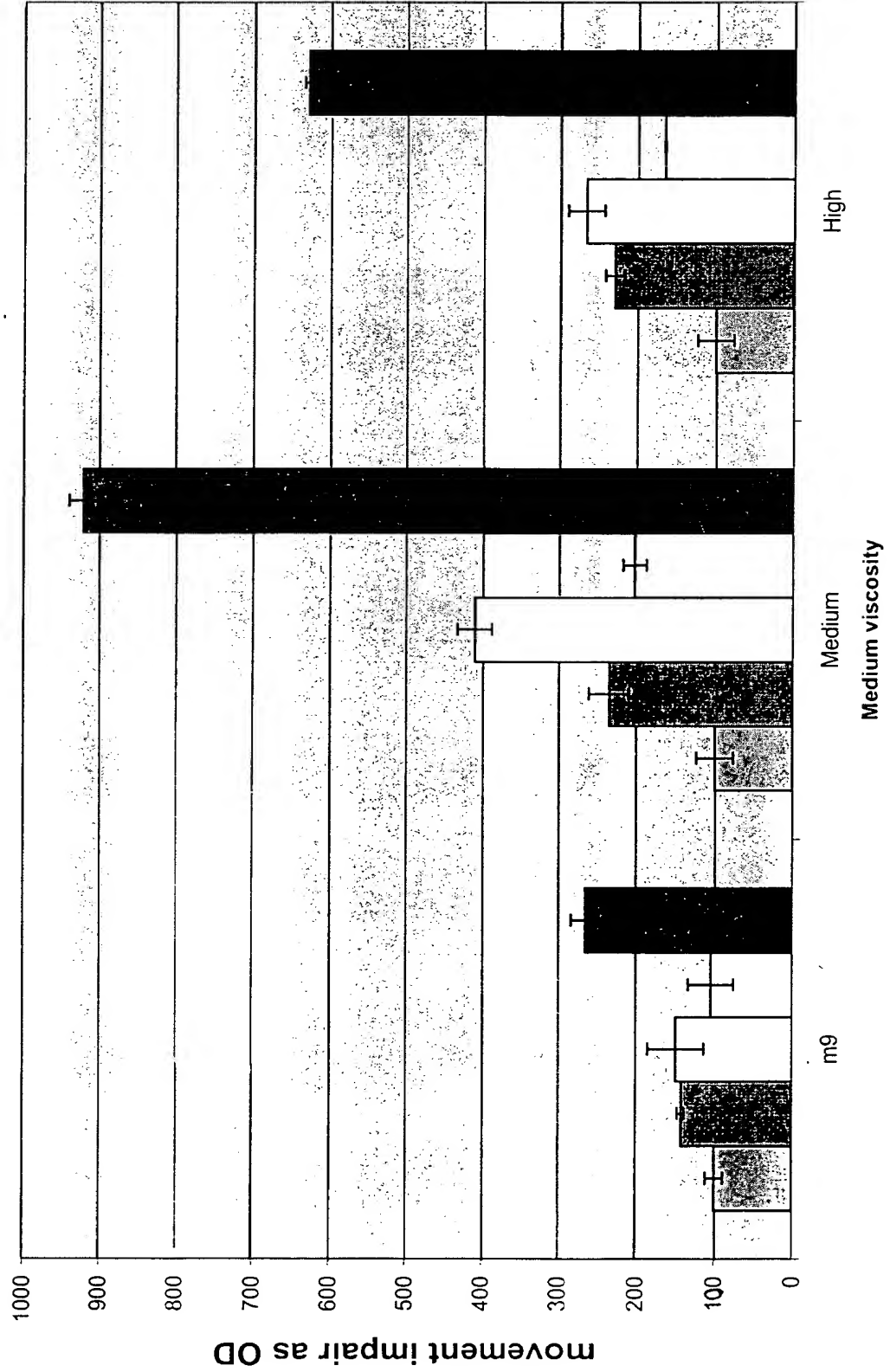
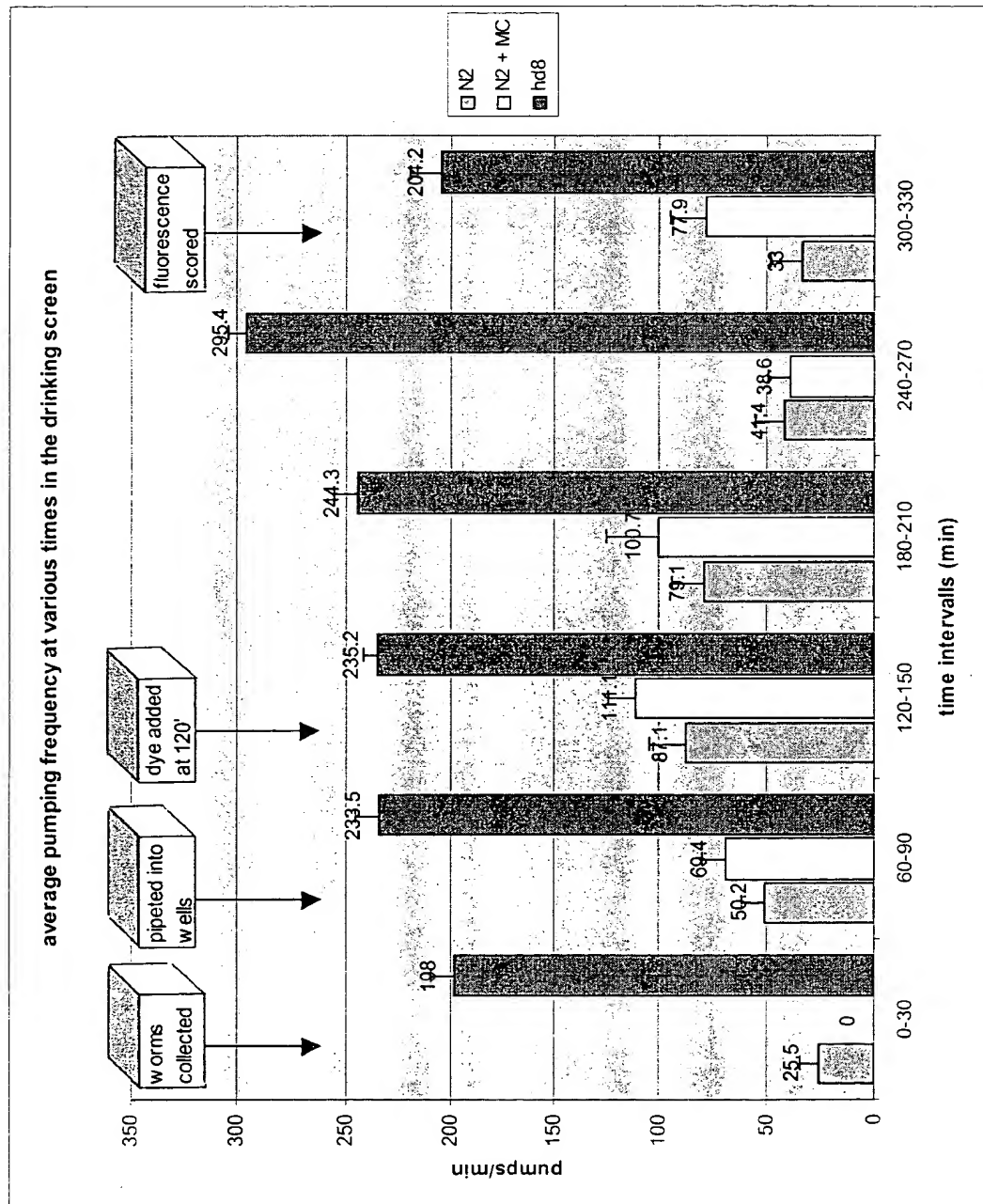


FIG. 13. Motility assay according to Uncness



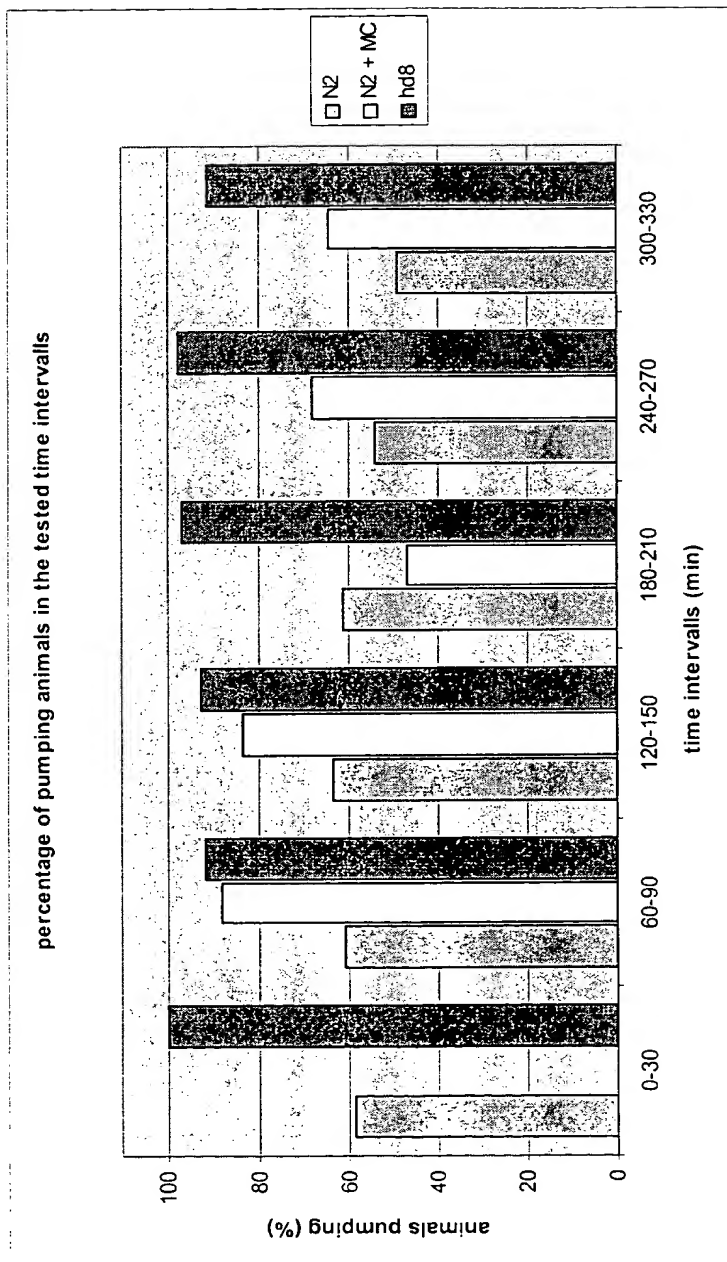
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FIG. 14.



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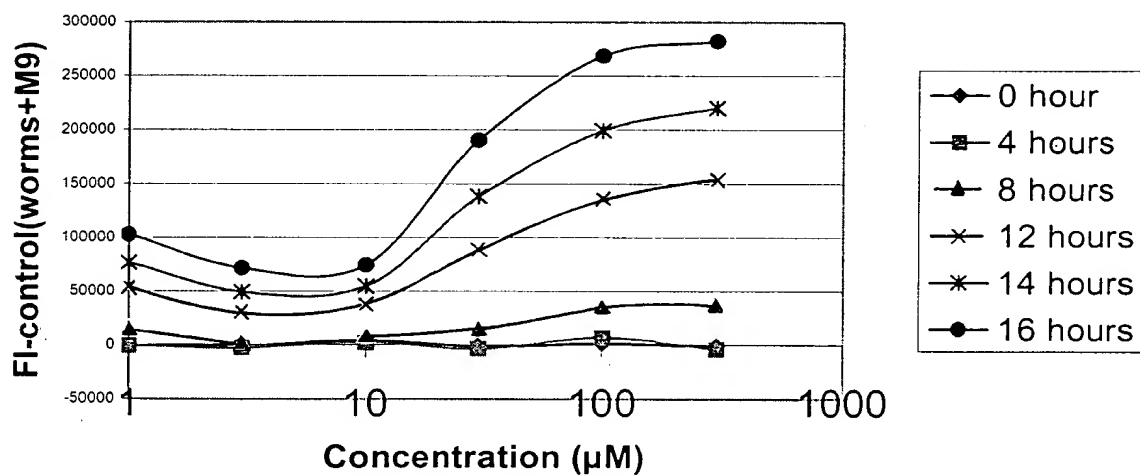
FIG. 15.



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FIG. 16.

Egg laying kinetic with N2 in presence of Clomipramine

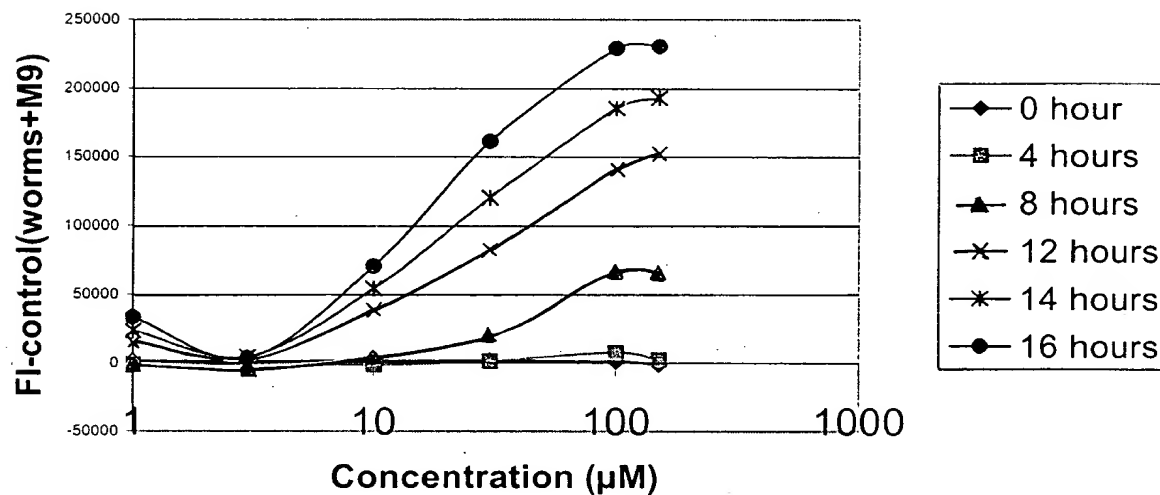


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FIG. 17.

Egg laying kinetic with N2 in presence of Fluoxetine



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FIG. 18.

Reduction of pharynx pumping by the insecticide PicROTOXININ

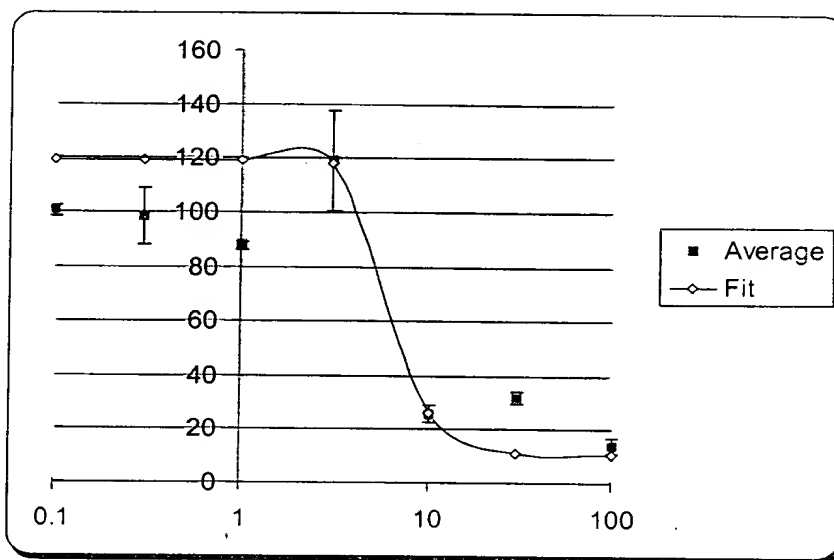
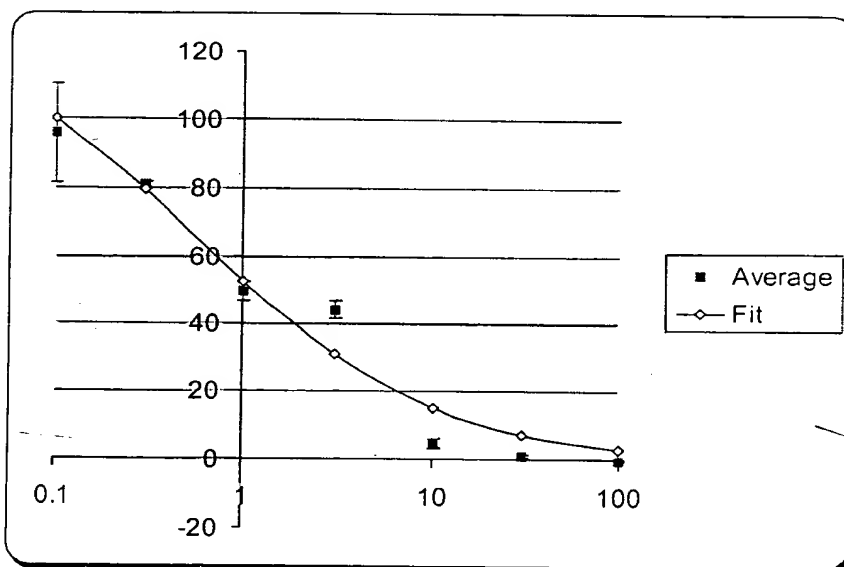


FIG. 19.

Reduction of pharynx pumping by the insecticide Rotenone



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FIG. 20.

Reduction of pharynx pumping by the insecticide dieldrin

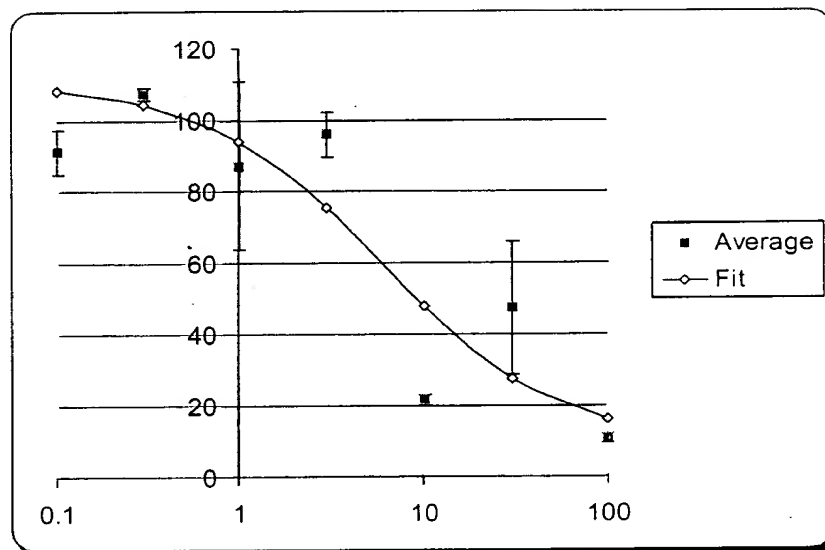


FIG. 21.

Reduction of pharynx pumping by the insecticide ivermectin

